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Cancel claims 4, 5, 14-54, 64, and 69-72.

Add new claims 73-74.

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SUB C1
1. (Amended) A composition comprising a biodegradable polymer having a ligand attached thereto, wherein said ligand is attached to said biodegradable polymer using an anchor-adapter-tag-unit, wherein the adapter interacts with an anchor and a tag simultaneously.

B1
SUB D1
2. (Twice Amended) A composition comprising a biomaterial architecture having a ligand attached thereto through a biomolecular interaction, wherein said biomaterial architecture comprises a polymer having an anchor moiety incorporated therein or attached thereto, and wherein said biomolecular interaction further comprises an anchor-adapter-tag unit, whereby the tag is attached to the ligand, and wherein said adapter is bound to both the anchor and the tag to effect the biomolecular interaction.

SUB C2
B2
6. (Amended) The composition of claim 2, wherein the anchor is capable of being incorporated into the polymer from which the biomaterial architecture is formulated, the tag is capable of attachment to the ligand, and wherein the adapter is capable of binding to both the anchor and tag moieties to generate a biomolecular interaction.

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8. (Amended) The composition of claim 2, wherein said anchor is incorporated into the polymer.

B3
9. (Amended) The composition of claim 2, wherein said polymer is poly(lactic acid)-co-poly(ethylene glycol) (PLA-PEG).

10. (Amended) The composition of claim 2, wherein said biodegradable polymer is selected from the group consisting of polymers of poly(hydroxy acids), polyanhydrides, polyorthoesters,